

	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. Mo-7057 / LeA 34,002	Serial No. 10/089,989
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	Applicant Reiner Fischer et al			
	Filing Date April 2, 2002		Group 1616	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	AA	4,806,553	02/21/89	(Bel. to corresp. to EP Shiokawa et al	254,859) 514	332	
	AB	4,812,454	03/14/89	(Bel. to corresp. to EP Shiokawa et al	212,600) 514	256	
	AC	4,812,571	03/14/89	(Bel. to corresp. to EP Shiokawa et al	163,855) 546	296	
	AD	4,845,106	07/04/89	(Bel. to corresp. to EP Shiokawa et al	192,060) 514	342	
	AE	4,849,432	07/18/89	(Bel. to corresp. to EP Shiokawa et al	235,725) 514	341	
	AF	4,882,344	11/21/89	(Bel. to corresp. to EP Shiokawa et al	259,738) 514	342	
	AG	4,914,113	04/03/90	(Bel. to corresp. to EP Shiokawa et al	315,826) 514	333	
	AH	4,918,086	04/17/90	(Bel. to corresp. to EP Gsell	302,833) 514	351	
	AI	4,918,088	04/17/90	(Bel. to corresp. to BR Gsell	88,03,621) 514	357	
	AJ	4,948,798	08/14/90	(Bel. to corresp. to EP Gsell	306,696) 514	275	
	AK	4,963,572	10/16/90	(Bel. to corresp. to EP Gsell	303,570) 514	357	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
M	AL	3-279359	12/10/91	Japan (Abstract Attached)				X
	AM	3-255072	11/13/91	Japan (Abstract Attached)				X
	AN	3-246283	11/01/91	Japan (Abstract Attached)				X
	AO	4-9371	01/14/92	Japan (Abstract Attached)				X
	AP	63-287764	11/24/88	Japan (Abstract Attached)				X

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,963,574	10/16/90	(Bel. to corresp. to FR Bachmann et al	2,611,114) 514	357	
	AB	4,988,712	01/29/91	(Bel. to corresp. to EP Shiokawa et al	259,738) 514	340	
	AC	5,001,138	03/19/91	(Bel. to corresp. to EP Shiokawa et al	192,060) 514	342	
	AD	5,032,589	07/16/91	(Bel. to corresp. to EP Shiokawa et al	386,565) 514	245	
	AE	5,034,404	07/23/91	(Bel. to corresp. to EP Uneme et al	376,279) 514	365	
	AF	5,034,524	07/23/91	(Bel. to corresp. to EP Shiokawa et al	386,565) 544	124	
	AG	5,039,686	08/13/91	Davies et al	514	341	
	AH	5,049,571	09/17/91	(Bel. to corresp. to EP Gsell	302,833) 514	345	
	AI	5,051,434	09/24/91	(Bel. to corresp. to EP Kozo et al	375,907) 514	357	
	AJ	5,063,236	11/05/91	(Bel. to corresp. to EP Gsell	306,696) 514	318	
	AK	5,066,808	11/19/91	(Bel. to corresp. to EP Shiokawa et al	364,844) 514	231.5	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL	63-307857	12/15/88	Japan (Abstract Attached)				X
	AM	2-207083	08/16/90	Japan (Abstract Attached)				X
	AN	3-220176	09/27/91	Japan (Abstract Attached)				X
	AO	91/17659	11/28/91	World				
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER	<i>Michael</i>	DATE CONSIDERED 12/20/03

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	AA	5,084,467	01/28/92	(Bel. to corresp. to EP Shlokawa et al.	375,907) 514	357	MAR 28 2003 RECEIVED TECH CENTER 1600/2900
	AB	5,166,164	11/24/92	(Bel. to corresp. to EP Nanjo et al	425,978) 514	357	
	AC	5,175,301	12/29/92	(Bel. to corresp. to EP Minamida et al	302,389) 546	272	
	AD	5,192,778	03/09/93	(Bel. to corresp. to EP Kodaka et al	455,000) 514	341	
	AE	5,204,359	04/20/93	(Bel. to corresp. to EP Shlokawa et al	375,907) 514	332	
	AF	5,204,360	04/20/93	(Bel. to corresp. to EP Shlokawa et al	192,060) 514	342	
	AG	5,214,152	05/25/93	(Bel. to corresp. to EP Minamida et al	302,389) 548	181	
	AH	5,238,949	08/24/93	(Bel. to corresp. to EP Shlokawa et al	375,907) 514	327	
	AI	5,256,679	10/26/93	(Bel. to corresp. to EP Minamida et al	471,372) 514	357	
	AJ	5,264,584	11/23/93	(Bel. to corresp. to EP Kodaka et al	455,000) 548	332.5	
	AK	5,280,123	01/18/94	(Bel. to corresp. to EP Nanjo et al	464,830) 548	111	

## FOREIGN PATENT DOCUMENTS

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ME</i>	AA	5,298,507	03/29/94	(Bel. to corresp. to EP Shlokawa et al	192,060) 514	256	
	AB	5,304,566	04/19/94	(Bel. to corresp. to WO Ishimitsu et al	91/04965) 514	357	
	AC	5,384,324	01/24/95	(Bel. to corresp. to EP Shlokawa et al	364,844) 514	365	
	AD	5,405,961	04/11/95	(Bel. to corresp. to EP Nanjo et al	464,830) 544	243	
	AE	5,428,032	06/27/95	(Bel. to corresp. to EP Shlokawa et al	192,060) 514	226.8	
	AF	5,434,181	07/18/95	(Bel. to corresp. to EP Kodaka et al	649,845) 514	471	
	AG	5,461,167	10/24/95	(Bel. to corresp. to EP Shlokawa et al	192,060) 548	202	
	AH	5,489,603	02/06/96	(Bel. to corresp. to EP Uneme et al	376,279 & 514	EP 493,369) 365	
	AI	5,532,365	07/02/96	(Bel. to corresp. to EP Kodaka et al	649,845) 544	212	
	AJ	5,580,889	12/03/96	(Bel. to corresp. to EP Shlokawa et al	192,060) 514	343	
	AK	5,612,358	03/18/97	(Bel. to corresp. to WO Ishimitsu et al	91/4965) 514	357	

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M	AA	5,614,527	03/25/97	(Bel. to corresp. to EP Kinoshita et al	685,477) 514	256	MAR 28 2003 RECEIVED TECH CENTER 1600 2900
	AB	5,633,375	05/27/97	(Bel. to corresp. to EP Uneme et al	376,279) 544	336	
	AC	5,719,146	02/17/98	(Bel. to corresp. to EP Shiokawa et al	386,565) 514	229.2	
	AD	5,750,704	05/12/98	(Bel. to corresp. to EP Shiokawa et al	192,060) 546	275.1	
	AE	Re. 35,811	05/26/98	(Bel. to corresp. to EP Shiokawa et al	375,907) 514	357	
	AF	5,849,768	12/15/98	(Bel. to corresp. to EP Minamida et al	302,389) 514	357	
	AG	5,852,012	12/22/98	(Bel. to corresp. to EP Maienfisch et al	580,553) 514	229.2	
	AH	5,935,981	08/10/99	(Bel. to corresp. to EP Minamida et al	302,389) 514	365	
	AI	6,022,871	02/08/00	(Bel. to corresp. to EP Maienfisch et al	580,553) 514	229.2	
	AJ	6,022,967	02/08/00	(Bel. to corresp. to EP Shiokawa et al	192,060) 544	298	
Y	AK	6,160,126	12/12/00	(Bel. to corresp. to EP Kando et al	471,372) 548	477	

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M	AA	6,187,773 B1	02/13/01	(Bel. to corresp. to EP Wu et al	428,941) 514	245	
	AB	6,232,309 B1	05/15/01	(Bel. to corresp. to EP Shiokawa et al	386,565) 514	222.5	
	AC	6,297,374 B1	10/02/01	(Bel. to corresp. to EP Shiokawa et al	192,060) 544	55	
	AD	2001/0046994 A1	11/29/01	(Bel. to corresp. to EP Wu et al	428,941) 514	241	
	AE	6,344,453 B1	02/05/02	(Bel. to corresp. to EP Shiokawa et al	386,565) 514	223.8	
	AF	6,376,487 B1	04/23/02	(Bel. to corresp. to EP Malenfisch et al	580,553) 514	229.2	
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